Notice of Allowability	Application No.	Applicant(s)	
	10/537,830	HIRAI, HIDEAKI	
	Examiner	Art Unit	
	TAN X. DINH	2627	
The MAILING DATE of this communication apply All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT R of the Office or upon petition by the applicant. See 37 CFR 1.313	(OR REMAINS) CLOSED in) or other appropriate common IGHTS. This application is	n this application. If not included unication will be mailed in due course. Th	
1. This communication is responsive to <u>10/10/07</u> .			
2. The allowed claim(s) is/are 3,4 (Renumber as 1 and 2).			
 Acknowledgment is made of a claim for foreign priority unally all b) ☐ Some* c) ☐ None of the: Certified copies of the priority documents have 2. ☐ Certified copies of the priority documents have 3. ☐ Copies of the certified copies of the priority documents have International Bureau (PCT Rule 17.2(a)). * Certified copies not received: Applicant has THREE MONTHS FROM THE "MAILING DATE"	e been received. e been received in Application cuments have been received of this communication to file	n No d in this national stage application from t	
noted below. Failure to timely comply will result in ABANDONN THIS THREE-MONTH PERIOD IS NOT EXTENDABLE. 4. A SUBSTITUTE OATH OR DECLARATION must be submin INFORMAL PATENT APPLICATION (PTO-152) which give	nitted. Note the attached EXA		=
5. CORRECTED DRAWINGS (as "replacement sheets") must (a) including changes required by the Notice of Draftspers 1) hereto or 2) to Paper No./Mail Date (b) including changes required by the attached Examiner Paper No./Mail Date Identifying indicia such as the application number (see 37 CFR 1 each sheet. Replacement sheet(s) should be labeled as such in the second sheet.	st be submitted. son's Patent Drawing Reviev . s Amendment / Comment or .84(c)) should be written on the	v (PTO-948) attached in the Office action of the drawings in the front (not the back) of	
 DEPOSIT OF and/or INFORMATION about the depo attached Examiner's comment regarding REQUIREMENT 			
Attachment(s)			
1. Notice of References Cited (PTO-892)		formal Patent Application	
2. Notice of Draftperson's Patent Drawing Review (PTO-948)		ummary (PTO-413), Mail Date	
3. Information Disclosure Statements (PTO/SB/08),	7. Examiner's	Amendment/Comment	
Paper No./Mail Date 4. Examiner's Comment Regarding Requirement for Deposit of Biological Material	8. ⊠ Examiner's 9. ☐ Other	Statement of Reasons for Allowance	
		TAN Xuan DINH Primary Examiner Art Unit: 2627	

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- 1) The amendment/preliminary amendment filed 10/10/2007 is acknowledged. Claims 1,2 and 5-12 have been canceled.
 - 2) Claims 3 and 4 are allowed.

The medium for optical recording, from which recorded information is reproduced by a laser beam, comprising a disk board having a recording surface, a plurality of pits in the recording surface, wherein each of pits is comprised in a corresponding one of a plurality of cells each cell having equal size and varying pitoccupancy rates dependent on the recorded information, the pitoccupancy rate being the ratio of area of pit to area of cell corresponding to pit, wherein depths H of the pits, a wavelength λ of the laser beam, and a refractive index n of board are related as $\lambda/6n < H < \lambda/4n$, the signals having a plurality of levels of N, N being dependent on the pit-occupancy rate, are generated, the pits comprising (N-1) different pit diameters, the (N-1) pit diameters being set so as to almost equally divide into N parts the difference between amount of light reflected from the cells in a case of pits with pit diameters having maximum values and amount of light reflected from the cells in a case of no pits existing, as recited in the independent claims, are not found or suggested in the prior art of record.

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3) Any inquiry concerning this communication or earlier communications from the examiner should be directed to Primary Examiner TAN Xuan DINH whose telephone number is (571)272-7586. The examiner can normally be reached on MONDAY to FRIDAY from 8:30AM to 5:30PM.

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The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR.

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PRIMARY EXAMINER
January 2, 2008